

SYCAMORE CANYON BOULEVARD IMPROVEMENT PLAN

COMMUNITY FACILITIES DISTRICT NO. 92-1

(SYCAMORE CANYON)

CITY OF RIVERSIDE

STATE OF CALIFORNIA

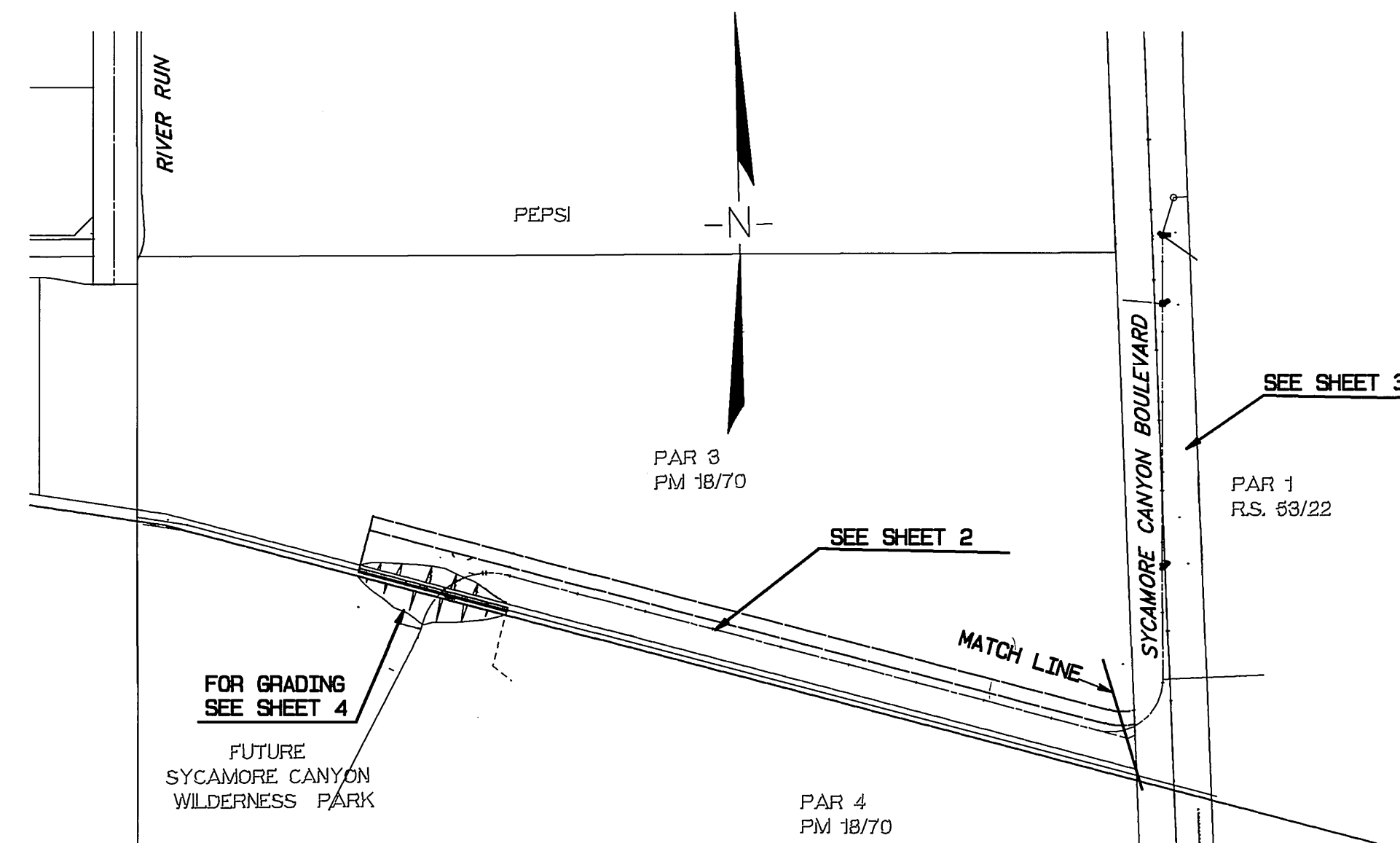
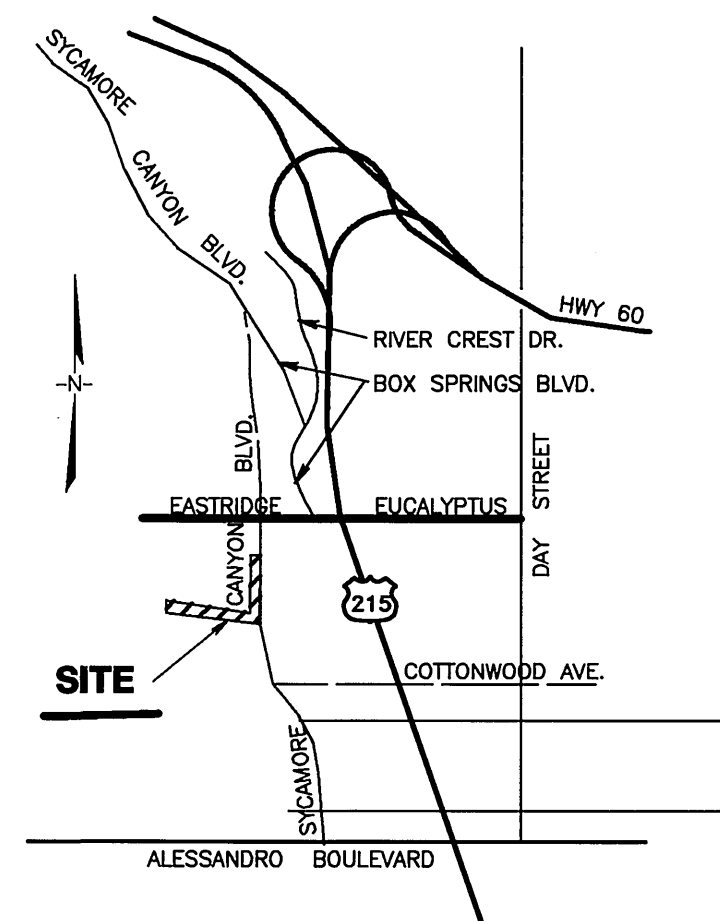
PREPARED BY
ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

3788 McCRAY STREET
RIVERSIDE, CALIFORNIA 92506
(909) 686-1070

~~BID SCHEDULE~~
STORM DRAIN PLAN B

CONSTRUCTION NOTES:

- 1 CONST. 54" R.C.P. D1400
- 2 CONST. 48" R.C.P. D1300 & D3000
- 3 CONST. 36" R.C.P. D1800 & D1750
- 4 REMOVE AND REPLACE A.C. PAV. W/O .41' AC OVER 1.00' CRUSHED AGGREGATE BASE
- 5 CONST. CONCRETED 1/2 TON ROCK (2 LAYERS)
- 6 CONST. C.S.P. INLET PER CITY OF RIVERSIDE STD. 412 MODIFY PER DETAIL SHEET 4
- 7 CONST. JUNCTION STRUCTURE "C" PER CITY OF RIVERSIDE STD. 422
- 8 CONST. MANHOLE JM PER CITY OF RIVERSIDE STD. 432
- 9 CONST. TIMBER BULKHEAD PER CITY STD. 456
- 10 CONST. 24" R.C.P. D1750
- 11 CONST. CONCRETED 1/4 TON ROCK (1 LAYER)
- 12 REMOVE EXIST. CONCRETE ROCK & BACKFILL PER CITY OF RIVERSIDE STD. 453
- 13 REMOVE 2 EXIST. 18" CMP & BACKFILL PER CITY OF RIVERSIDE STD. 453. CONTRACTOR TO CONTACT W.M.W.D. INSPECTOR AT (909)780-9764 AT LEAST 2 WORKING DAYS PRIOR TO CMP REMOVAL
- 14 CONST. C.S.P. INLET PER CITY OF RIVERSIDE STD. 412
- 15 RELOCATE CITY OF RIVERSIDE STD. 180 BARRICADE AS NOTED
- 16 CONST. 24" R.C.P. D1300
- 17 FILL EXIST. SWALE AND GRADE TO DRAIN.
- 18 CONST. DEBRIS RACK PER DETAIL ON SHEET 4
- 19 CONST. MANHOLE AX PER CITY OF RIVERSIDE STD. 430
- 20 CONST. SECURITY GATE PER DETAIL ON SHEET 5.
- 21 ~~CONST. TRANSITION STRUCTURE "C" PER CITY OF RIVERSIDE STD. 422 (MODIFIED) W/O LATERAL~~
- 22 CONST. ~~THICK WALL~~ 60" R.C.P. D1400
- 23 CONST. ~~THICK WALL~~ 54" R.C.P. D1400
- 24 CONST. CONCRETE COLLAR PER CITY OF RIVERSIDE STD. 424
- 25 CONST. 60" R.C.P. D1400



INDEX MAP
SCALE: 1"=200'

GENERAL NOTES

- 1 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- 2 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION AND THE SPECIAL PROVISIONS FOR SYCAMORE CANYON COMMUNITY FACILITIES DISTRICT NO. 92-1.
- 3 THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- 4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- 5 ALL FLAGGED ELEVATIONS IN THE PLAN VIEW SHALL BE STAKED IN THE FIELD BY THE CITY.
- 6 ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- 7 THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- 8 CONTRACTOR IS TO VERIFY EXISTING GAS, SEWER AND WATER ELEVATIONS IN SYCAMORE CANYON BLVD. PRIOR TO CONSTRUCTION.
- 9 BEFORE THE RIP RAP AT THE OUTLET OF ANY DRAINAGE STRUCTURE IS ACCEPTED, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- 10 PIPE BEDDING TO BE CASE II PER CITY OF RIVERSIDE STD. NO. 452.
- 11 NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.

NOTICE TO CONTRACTOR

THE FOLLOWING ORGANIZATIONS ARE WITHIN THE PROJECT AREA:

CITY OF RIVERSIDE, PUBLIC WORKS
CITY OF RIVERSIDE, ELEC. DEPT.
WESTERN MUNICIPAL WATER DIST.
SOUTHERN CALIFORNIA GAS CO.
GENERAL TEL. CO.
PACIFIC BELL TEL. CO.

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS AND ARE APPROXIMATE. NEITHER THE CITY NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

SHEET INDEX

STORM DRAIN IMPROVEMENTS

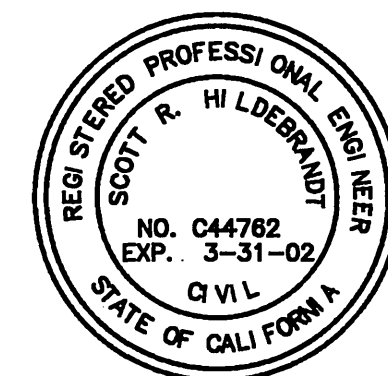
SHEET 1	-----	TITLE SHEET
SHEET 2	-----	EASEMENT STA. 0+00 TO 11+00
SHEET 3	-----	SYCAMORE CANYON STA. 11+00 TO 19+32.44
SHEET 4	-----	STORM DRAIN GRADING DETAIL SHEET
SHEET 5	-----	DETAIL SHEET

BENCH MARK :

U.S.C. & G.C. DESIGNATION Z 749, RIVERSIDE COUNTY DESIGNATION 600-47-68, STANDARD BRASS DISK STAMPED Z 749 1945 ESTABLISHED BY C.& G.S. 1.7 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, SET BETWEEN THE TRACK AND U.S. HIGHWAY NO. 1 215 64.5 FEET SOUTHWEST OF THE SOUTHWEST EDGE OF THE HIGHWAY, 43.6 FEET NORTHEAST OF THE NORTHEAST RAIL OF TRACK, 20 FEET SOUTHEAST OF POST, IRON BENCH MARK DISK SET IN TOP OF A CONCRETE POST 0.4 FEET ABOVE GROUND.

DATE 1970 ELEVATION: 1536.119

CITY BUSINESS TAX CERTIFICATE NO. 006751 EXP. 12-31-97



ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET RIVERSIDE, CA 92506
(909) 686-1070
APPROVED BY: *[Signature]* DATE: 1-21-99
R.C.E. NO. 44782

REVIEWED BY:
WESTERN MUNICIPAL WATER DISTRICT
FOR NON-INTERFERENCE COMPLIANCE
SHEET 1 THROUGH 5
[Signature]
JEFFREY D. SIMS R.C.E. NO. 46212
DATE: 4/29/99

REVIEWED BY:
SOUTHERN CALIFORNIA GAS CO
DATE: _____

W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]* PLN CHK REF: 12/97

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* BY DATE: 1-21-99
TRAFFIC DIVISION: *[Signature]*
STREET SERVICES: *[Signature]*
ENGINEERING MANAGER: *[Signature]*
DATE: 1-21-99

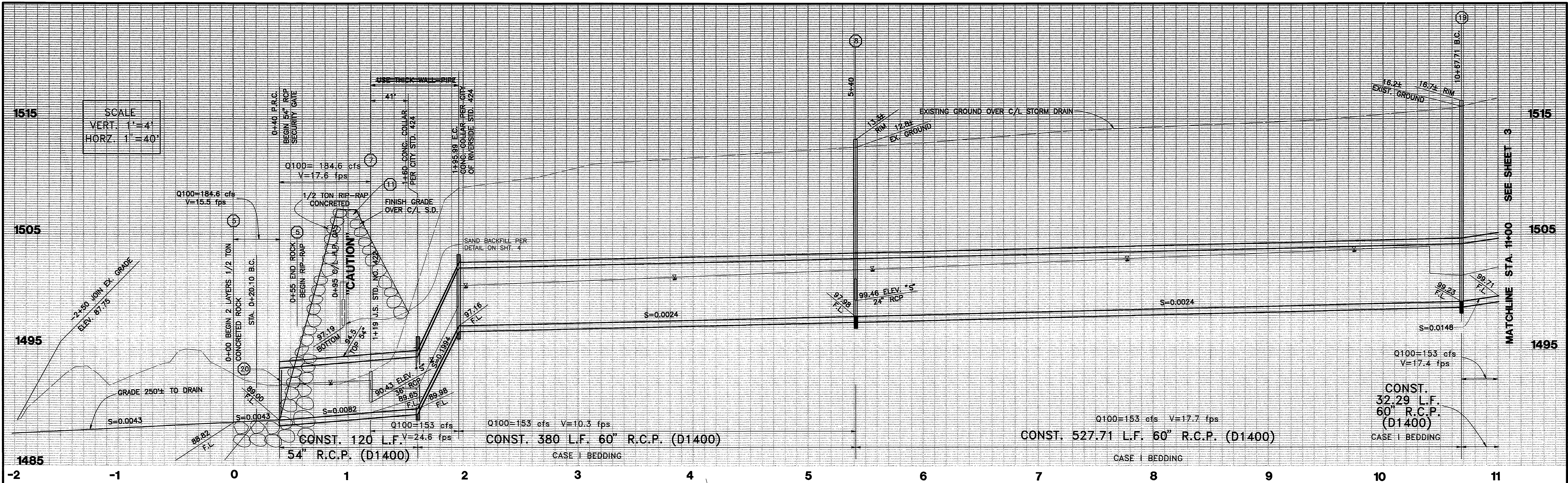
STORM DRAIN PLAN & PROFILE
SYCAMORE CANYON BUSINESS PARK
COMMUNITY FACILITIES DISTRICT NO. 92-1
TITLE SHEET
SCALE: AS SHOWN

ACCOUNT NO.
DRAWING NUMBER
D-657
SHEET 1 OF 5
90-3000 B4

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

90-3000/CPY.FRD

INDEXED 1-25-99 L/H



BENCH MARK
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DATE 1970 ELEVATION: 1536.119

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

IDENTICAL POINT
-24.50 JOIN EXIST.
GROUND 87.75 F.L.

REGISTERED PROFESSIONAL ENGINEER
SCOTT R. HILDEBRAND
NO. C44762
EXP. 3-31-02
Q.V.I.L.
STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAV STREET RIVERSIDE, CA 92506
(909) 686-1070

APPROVED BY: *[Signature]* DATE: 1-7-99
R.C.E. NO. 44762

W.O.: 90-3000 FOR: CITY OF RIVERSIDE F.B.: 1990/155-158

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* BY DATE: 1-21-99
PRINCIPAL ENGINEER
STREET SERVICES
ENGINEERING MANAGER

DATE: 1-21-99

STORM DRAIN PLAN & PROFILE

SYCAMORE CANYON BUSINESS PARK
COMMUNITY FACILITIES DISTRICT NO. 92-1

STORM DRAIN EASEMENT

SCALE: HORIZ. 1"=40' VERT. 1"=4'

ACCOUNT NO.
DRAWING NUMBER
D-657
2 OF 5
90-3000 B4

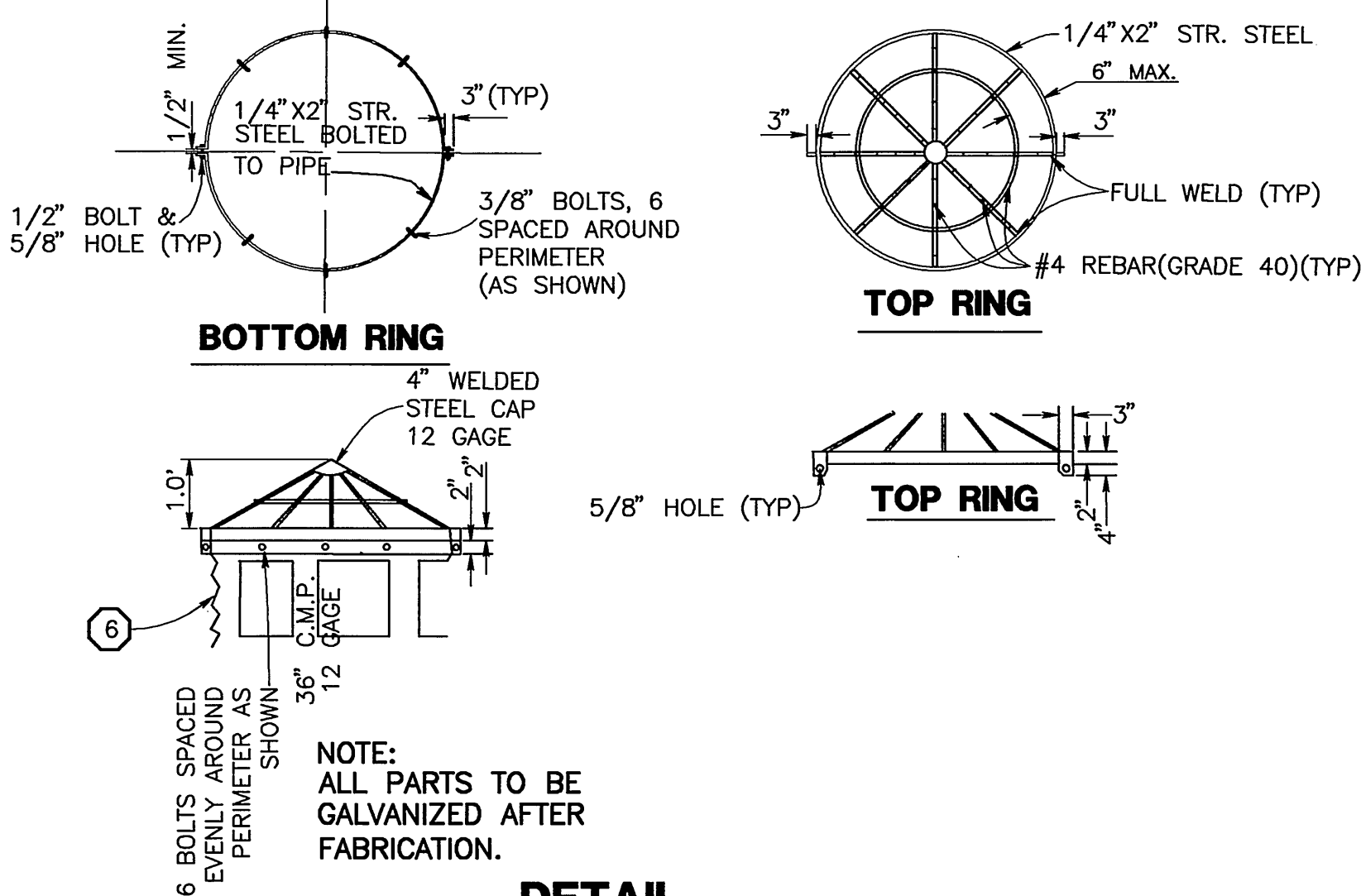
INDEXED 1-25-99 44

GENERAL NOTES

- 1 ALL GRADING SHALL CONFORM TO APPENDIX, CHAPTER 33 OF THE CURRENT CITY-ADOPTED EDITION OF THE UNIFORM BUILDING CODE.
- 2 CONTRACTOR IS RESPONSIBLE FOR EROSION, DUST AND TEMPORARY DRAINAGE CONTROL DURING GRADING OPERATIONS.
- 3 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ADEQUATE COMPACTION HAS BEEN ATTAINED ON THE ENTIRE GRADING SITE, INCLUDING FILL AREA.
- 4 THE CITY SHALL PERFORM COMPACTION TESTS DURING THE GRADING TO EVALUATE THE PREPARATION OF THE NATURAL GROUND SURFACE TO RECEIVE THE FILL AND THE COMPACTION ATTAINED IN THE FILL, INCLUDING FILL AREAS
- 5 CALL UNDERGROUND SERVICE ALERT (USA) 1-800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

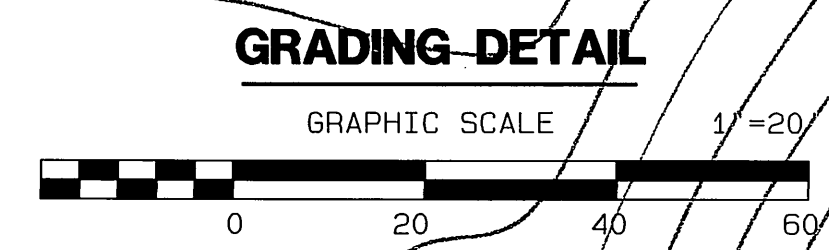
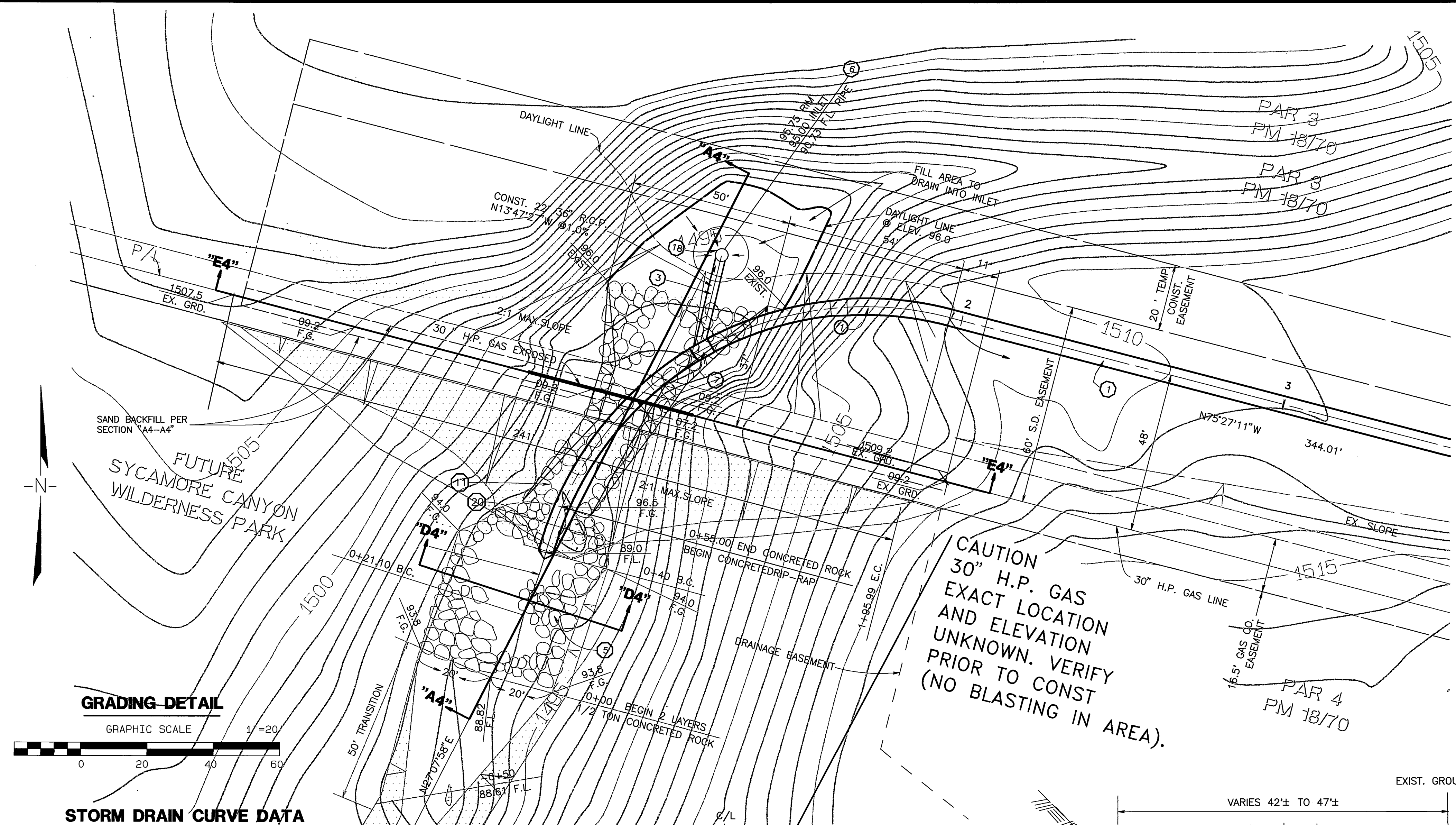
INTERIM EROSION CONTROL

- 1 ALL MANUFACTURED SLOPES TO BE PLANTED WITH AN INTERIM EROSION CONTROL GROUND COVER, SPECIFICATION: 10 POUND PER ACRE VULPIA MURALIS' ZORRO'-HAND SEEDING IMMEDIATELY AFTER SLOPES ARE CREATED BY CUT OR FILL ACTIVITY. THE SEEDING SLOPE IS TO BE GENTLY WATERED BY FREQUENT PASSES OF THE WATER TRUCK SO THAT 2 INCHES OF SOIL DEPTH IS MOISTENED. THE SOIL MOISTURE IS TO BE MAINTAINED FOR THREE WEEKS UNTIL THE GRASS REACHES 1.5 INCHES, THEN WATER SHALL BE TERMINATED.
- 2 THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN AND ALSO TO PROVIDE ANY ADDITIONAL EROSION CONTROL MEASURES (I.E. SAND BAGGING, DIVERSION DITCHES, RETENTION BASINS, ETC.) DICTATED BY FIELD CONDITIONS TO PREVENT EROSION AND/OR THE INTRODUCTION OF DIRT, MUD OR DEBRIS ONTO ADJACENT PROPERTIES DURING ANY PHASE OF CONSTRUCTION OPERATIONS.



DETAIL DEBRIS RACK

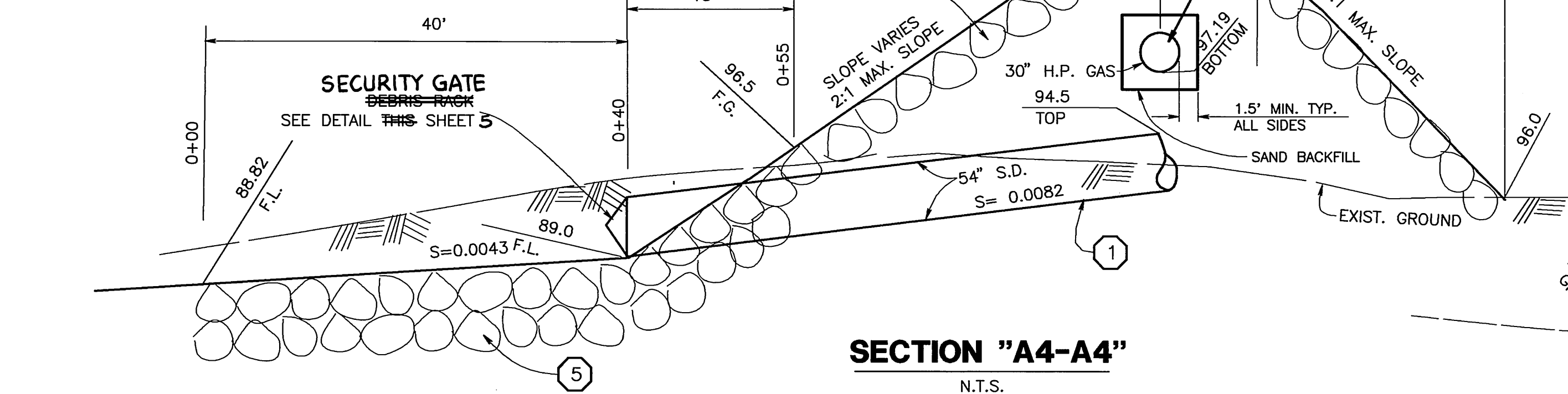
CAUTION
30" H.P. GAS
EXACT LOCATION
AND ELEVATION
UNKNOWN. VERIFY
PRIOR TO CONST
(NO BLASTING IN AREA).



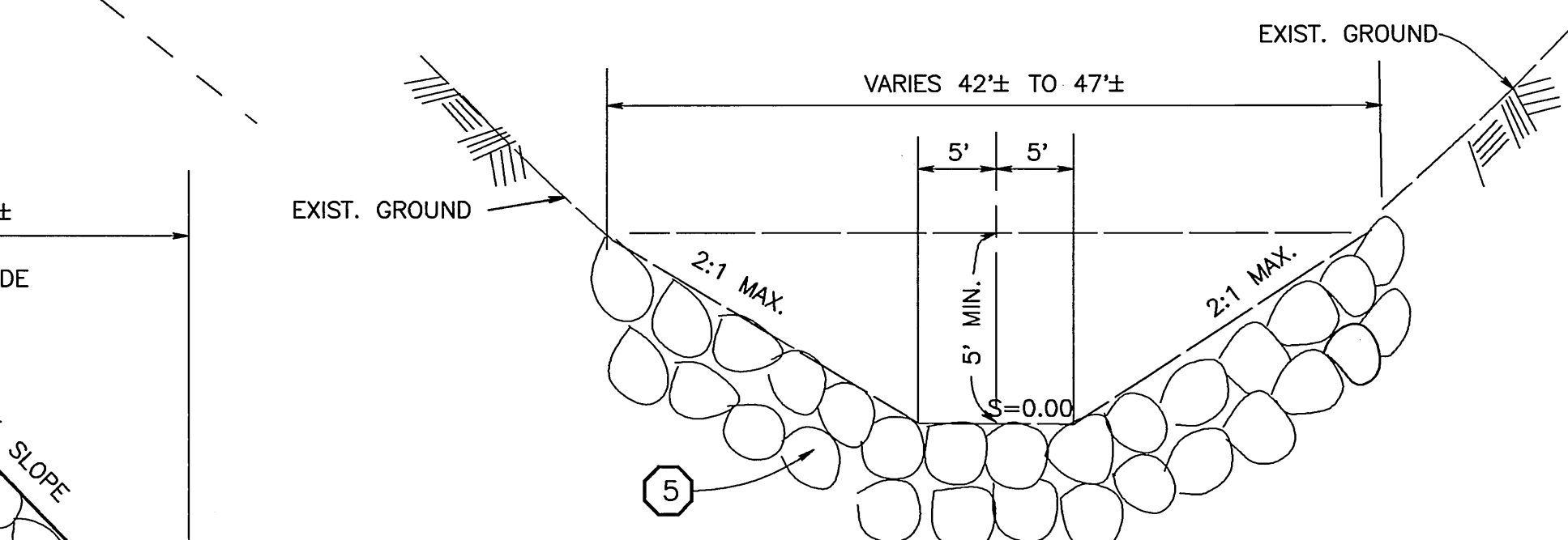
STORM DRAIN CURVE DATA

NO.	Δ	R	T	L
1	89°22'25"	100'	98.91'	155.99'
2	11°57'35"	95'	9.95'	19.83'

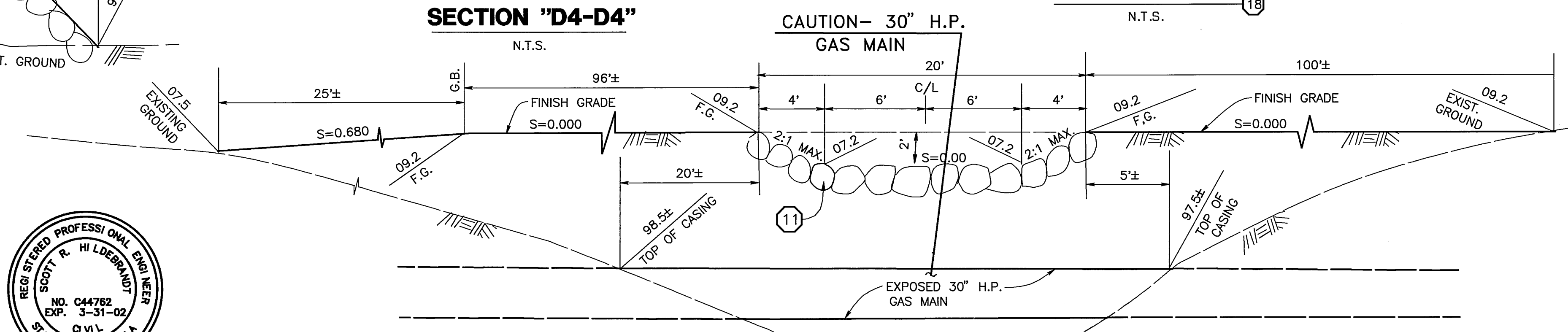
SEE SHEET 2



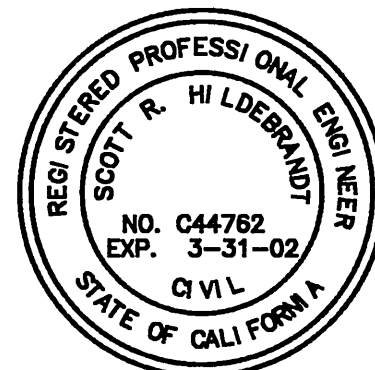
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0.4 FEET ABOVE GROUND.
DATE 1970 ELEVATION: 1536.119



SECTION "D4-D4"



SECTION "E4-E4"



CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-97

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRA Y STREET
RIVERSIDE, CA 92506
(909) 886-1070
APPROVED BY: [Signature] DATE: 12/21/99
REL. NO. 44762

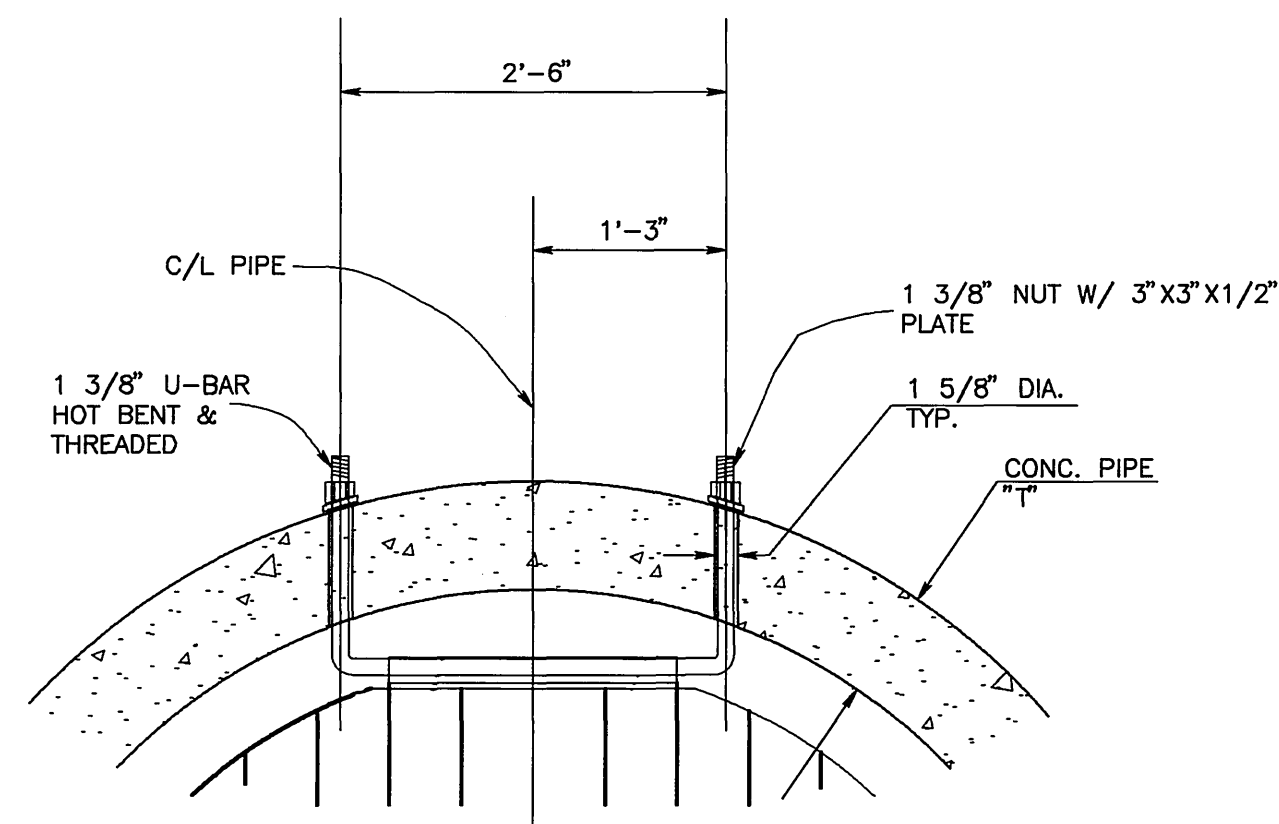
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY DATE	APPROVED BY	DATE
PRINCIPAL ENGINEER	[Signature] 12/21/99	[Signature] 12/21/99	12/21/99
TRAFFIC DIVISION		DIRECTOR OF PUBLIC WORKS	
STREET SERVICES			
ENGINEERING MANAGER			

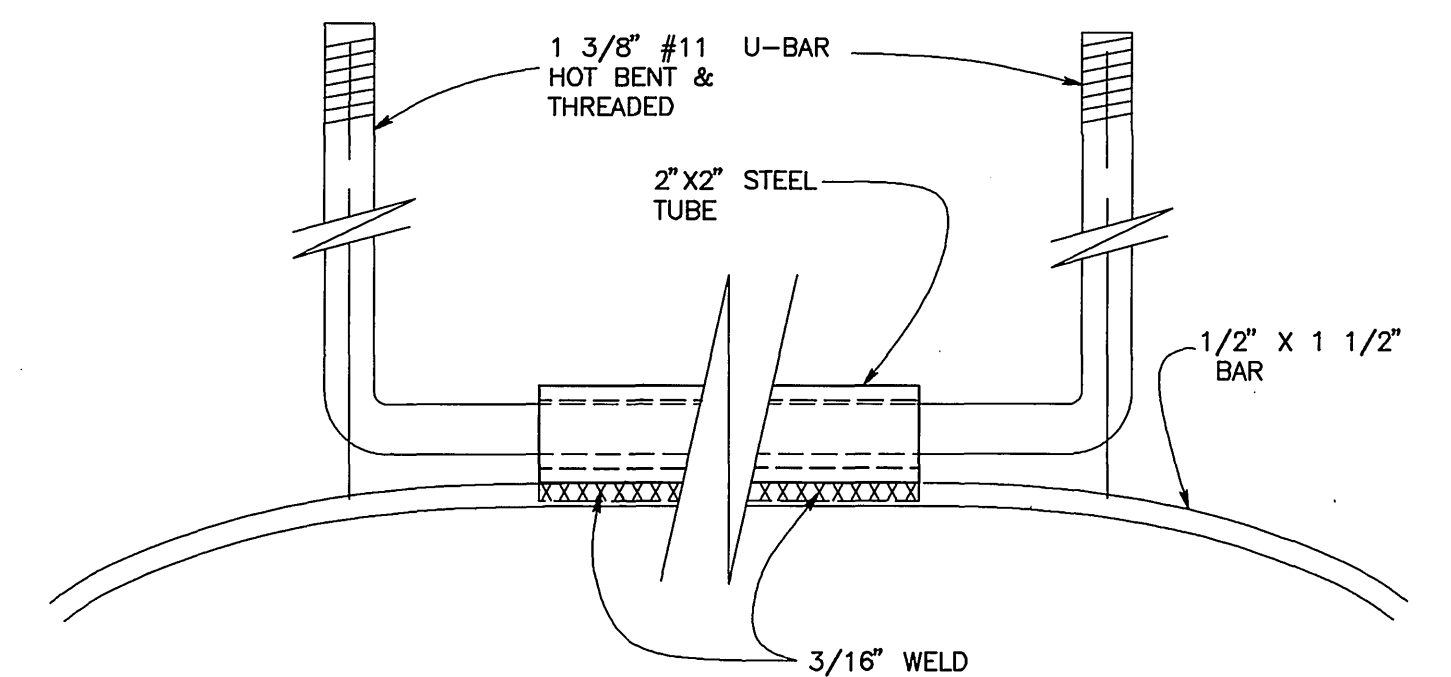
STORM DRAIN PLAN & PROFILE	
SYCAMORE CANYON BUSINESS PARK COMMUNITY FACILITIES DISTRICT NO. 92-1 STORM DRAIN GRADING DETAIL SHEET	
SCALE:	1"=20'

ACCOUNT NO.	DRAWING NUMBER
	D-657
SHEET 4 OF 5	
90-3000 B4	

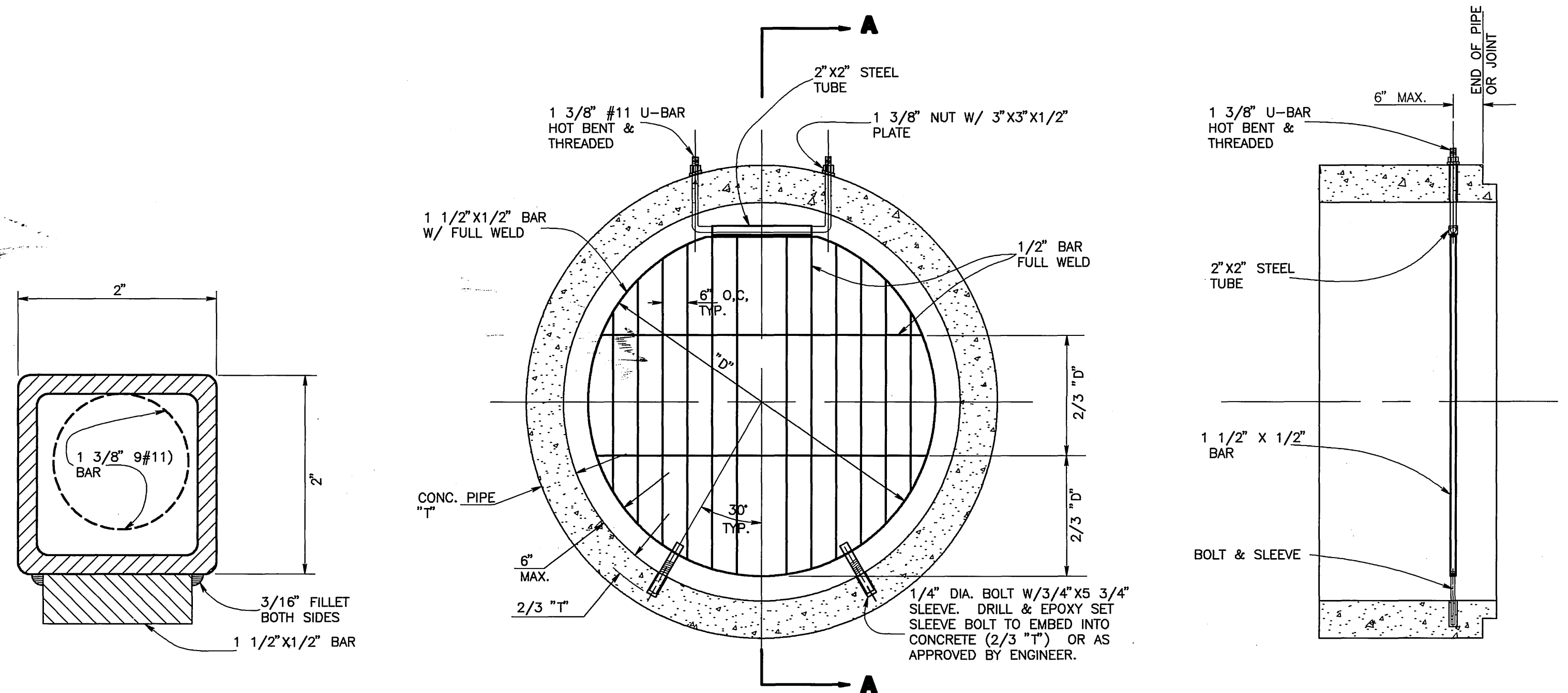
INDEXED 1-25-99 4/1



DETAIL THROUGH PIPE
NOT TO SCALE



DETAIL U-BAR
NOT TO SCALE



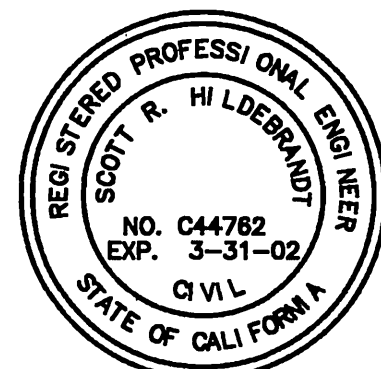
2\"/>

SECURITY GATE DETAIL

NOT TO SCALE

SECTION "A-A"
NOT TO SCALE

NOTE: ALL MATERIAL TO BE GALVANIZED AFTER FABRICATION



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CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-98

**ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS**
3788 McCRA Y STREET RIVERSIDE, CA 92506
(909) 686-1070
APPROVED BY: [Signature] DATE: 12-22-98
S.C.E. NO. 44782

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

APPROVED BY: [Signature] BY DATE: 1/15/99
PRINCIPAL ENGINEER: [Signature]
STREET SERVICES: [Signature]
ENGINEERING MANAGER: [Signature]
DATE: 1-21-99

DETAIL SHEET

SYCAMORE CANYON BUSINESS PARK
COMMUNITY FACILITIES DISTRICT NO. 92-1
DETAIL SHEET

SCALE: AS NOTED ABOVE

ACCOUNT NO.
DRAWING NUMBER
D-657
SHEET 5 OF 5
90-3000 B4

INDEXED 1-25-99 LHI